

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Miloslav, inz. ČSc.; BALVÍK, Vlastimil; OKT-BEC, Hynek, inz. ČSc.

Some thermophysical properties of food products. Prum
potravin 19;Suppl.; no.9+1-3 1974.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Miloslav, inz., C.Sc.

Practical method of temperature measurement in food industries.
Prum potravin 13 no.6:300-302 Je '62.

1. Ustredni vyzkumný ustav potravinarskeho prumyslu, Praha,

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

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CIA-RDP86-00513R000100310019-6

1. ADAM, N.[V.]
2. USSR (600)
4. Physics and Mathematics
7. Physics and Chemistry of Surfaces, N. Adam. (Translated from English , Moscow-Leningrad, State Technical Press,1947). Reviewed by P. A. Rebinder, Sov. Kniga, No 7, 1948.
9. [REDACTED] Report U-3081, 16 Jan. 1953, Unclassified.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

"Methods of Observing Inclination According to the Iamon Procedure", Trudy NIIZM
(Proceedings of the NIIZM) No 2, 1948 (82-85).

SO: U-303c, 11 Mar 1953

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, N.V.

Concerning the accuracy of δD , δH and δZ . Trudy NIZMIR no. 16:53-66
'60. (MIRA 14:3)
(Magnetism, Terrestrial—Observations)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, N.V.; ORLOV, V.P.

Annual variations of the magnetic field in the U.S.S.R. during
the period 1948-1959. Geomag. i aer. l no.4:572-582 Jl-Ag '61.
(MIRA 14:12)

1. Institut zemnogo magnetizma, ionosfery irasprostraneniya
radiovoln AN SSSR.

(Magnetism, Terrestrial)

ADAM, N.V.; ORLOV, V.P.

Annual variations H,D, and Z and the determination of mean annual values of magnetic elements from observations during a month's period in high latitudes. Geomag. i aer. l no.4: 583-587 Jl-Ag '61. (MIRA 14:12)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR.
(Magnetism, Terrestrial)

S/169/62/000/003/095/098
D228/D301

3,1800

AUTHORS: Adam, N. V. and Orlov, V. P.

TITLE: The complexity of that part of the secular variation
due to solar activity

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 3, 1962, 31, ab-
stract 3G214 (Tr. In-ta zemn. magn., ionosfery i ras-
prostr. radiovoln., AN SSSR, no. 18 (28), 1961, 3-13)

TEXT: It is shown from the data for 1924-1959 that at a number of
magnetic observatories of the northern hemisphere's middle lati-
tudes the part of the secular variation due to solar activity va-
ries coordinately one with another. The changes in this part of
the secular variation also display a correspondence to variations
in the relative number of sunspots and to the indices of the K, C
and U dimensions. It is established that the part of the secular
variation under consideration is complex, and that there are in it
waves with a duration of 1/4, 1/2 and 1 full cycle of solar acti-
vity. ["Abstracter's note: Complete translation."]

Card 1/1

✓B

31657
S/570/61/000/018/001/004
B116/B108

3,910

AUTHORS: Adam, N. V., Orlov, V. P.

TITLE: World charts of isopores for the period 1954-1959

SOURCE: Akademiya nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln. Trudy, no. 18(28), 1961, 14-26

TEXT: The charts of the secular variations of the D, H and Z elements of the Earths' magnetic field are given in this study in azimuthal projection for the Northern and Southern Hemispheres, as well as in Mercator's projection for the zone 70° northern latitude to 50° southern latitude. The difficulties in drawing them up are pointed out. In the USSR, isopore charts were compiled only for the area of the USSR. For other areas, the charts by E. H. Vestine (Ref. 1, see below) were used which were corrected for the time after 1947. δF -values could be obtained only from 90 of the 150 existing observatories. Longer continuous data of the annual averages for the years from 1954 to 1959 were obtained from only a few observatories. The main difficulty is that 50 % of all the observatories are situated in Eurasia, the network in America is fairly

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World charts of isopores for the...

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regular, while the possibilities in the remaining continents are very small and almost no δF -data are available of the oceans. The activity of the Soviet schooner "Zarya" will improve the situation on the oceans. The δF -values were calculated in the observatories either from the annual averages, if available for 1954-1959, or extrapolated until 1957. Auxiliary charts of the δY - and δT -isopores were compiled in order to reduce subjective interpretation. The values were not recorded north of 80° latitude and of the magnetic pole, since the δD -values strongly increase where H is very small, and reach $\pm 180^{\circ}$ on the magnetic pole. Since the magnetic and geographic poles are no singular points for δZ , nor the geographic pole for δH , the δH and δZ course was interpolated. For the high latitudes of the Southern Hemisphere, only the δF data from Mirnyy, Vostok and Siova (the latter reported by Doctor T. Nagata in a letter) could be used, which point to an unusually complex δF -distribution in this sector of the Antarctic. The isopores were, therefore, recorded only up to 60° latitude, and more to the south from there on only the δF -values from the three stations mentioned. δZ - and δD diagrams of some observatories in the USSR are given as examples. The following main changes are pointed out. (1) The Caspian center of secular variation is

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World charts of isopores for the...

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B116/B108

less intensive and has shifted north. This led to the reduction of the δZ - and δT -values around Tbilisi ($< 50 \mu$), to the reduction of the absolute values of the focus of the negative δH in the Dikson region, and to the decrease of the δH -values to almost zero in the European part of the USSR and in Western Siberia. The zero-isopore north of the Kaspiyskoye Sea has shifted west, and the absolute positive δD -values in the European part of the USSR and in Western Siberia became much smaller. (2) In Japan, NE China, and SE Siberia, a focus of the negative δZ -values developed which is connected with the appearance of the focus of positive δH -changes in the Yakutsk region. (3) The focus of the negative δZ -value is at present in the area of the Antilles, and that of the negative δH -values south of the δZ -focus. (4) The eastern part of this focus is connected with the δZ -focus, the center of which is apparently south of the Siova station. In the Antarctic a focus of the positive δH -values is assumed to exist, which is related to the δZ -focus and which lies farther south. There are 11 figures and 4 references: 2 Soviet and 2 non-Soviet. The two references to English-language publications read as follows:
Ref. 1: E. H. Vestine, L. Lange, L. Laporte, C. Cooper, W. C. Hendrix,
Description of the Earth's Main Magnetic Field and its Secular Change

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Card 3/4

World charts of isopores for the...

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S/570/61/000/018/001/004
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1905-1945. Washington, 1947. Ref. 2: T. Nagata. Report of Special Committee of Secular Variation and Paleomagnetism. Toronto, Assembly, 1957.

X

Card 4/4

ADAM, N.V.; BEN'KOVA, N.P.; ORLOV, V.P.; OSIPOV, N.K.; TYURMINA, L.O.

Spherical analysis of the constant magnetic field for the epochs
1955 and 1958. Geomag. i aer. 2 no.5:949-962 S-0 '62.

(MIRA 15:10)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln Sibirskogo otdeleniya AN SSSR i Institut matematiki
s vychislitel'nym tsentrom Sibirskogo otdeleniya AN SSSR.
(Magnetism, Terrestrial)

ADAM, N.V., BENKOVA, N.P., ORLOV, V.P., OSTIFOV, N.K., TYURINA, L.O.

Calculated magnetic field of the Earth, (USSR)

report submitted for the 4th International Space Science Symposium (COSPAR)
Warsaw, 2-12 June 63

ADAM, N.V.; BEN'KOVA, N.P.; ORLOV, V.P.; OSIPOV, N.K.; TYURMINA, L.O.

Spherical analysis of the constant geomagnetic field for the period
1955 through 1958. Pt. 2. Geomag. i aer. 3 no.1:121-126 Ja-F '63.
(MIRA 16:4)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln
AN SSSR i Institut matematiki s vychislitel'nym tsentrom Sibirskogo
otdeleniya AN SSSR.

(Magnetism, Terrestrial)

ADAM, N.V.; BEN'KOVA, N.P.; ORLOV, V.P.; OSIPOV, N.K.; TYURMINA, L.O.

Spherical analysis of the permanent geomagnetic field and
secular variation. Geomag. i aer. 3 no.2:336-353 Mr-Ap '63.
(MIRA 17:2)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln AN SSSR i Institut matematiki s vychislitel'nym
tsentrom Sibirskogo otdeleniya AN SSSR.

ADAM, N.V.; BEN'KOVA, N.P.; ORLOV, V.P.; OSIPOV, N.K.; TYURMINA, L.O.

Synthesis of the geomagnetic field according to the coefficients
of spherical analysis. Geomag. i aer. 4 no.1:151-160 Ja-F'64.
(MIRA 17:2)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln AN SSSR i Institut matematiki s vychislitel'nym
tsentrom Sibirskogo otdeleniya AN SSSR.

APPROVAL DATE APPROVING

APPROVAL DATE APPROVING

AUTHORS: Adam, N. V.; Sokolov, V. P.

TITLE: Reduction of average daily values of the geomagnetic field to average monthly values in the middle latitudes

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 3, 1964, 617-619

TOPIC TAGS: geomagnetic field, latitude variation, magnetic storm

ABSTRACT: The method proposed by the authors permits a reduction of error, giving a more objective evaluation of average monthly values of the geomagnetic field. Data used for the illustration came from 11 middle-latitude observatories in the SSSR for July 1958. The analysis makes use of Δ , the average daily value minus the average monthly value. This value must contain no quiet sidereal-day variation or irregular fluctuation of magnetic storms. During July 1958 the absolute value of Δ was found to reach 15' for declination, 165 gammas for H, and 75 gammas for Z. During disturbances and magnetic storms, the dependence of Δ on latitude and longitude proved to be linear, but deviations in ΔH decreased with latitude, deviation in ΔZ increased. The method proposed by the authors involves: 1) plotting the dependence of Δ (for declination and horizontal and vertical field)

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on latitude from magnetic data of stations, 2) determining, from the graphs, Δ_2 (deviation of Δ from the smoothed line of the graph), and 3) determining values of Δ_1 and Δ_2 for points of field observation, computing the algebraic sum, and using the results to reduce daily values to monthly values. Determinations may be made from three stations, giving results with a possible error of $\pm 0.2'$ for declination and 2-3 gammas for H and Z, whether for quiet or disturbed days. Orig. art. has: 3 figures.

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR (Institute of Terrestrial Magnetism, the Ionosphere, and Propagation of Radio Waves, AN SSSR)

SUBMITTED: 17Sep63

ENCL: 00

SUB CODE: ES

NO REF Sov: 005

OTHER: 000

Card 2/2

ACCESSION NR: AP4043254

S/0203/64/004/004/0748/0752

AUTHOR: Adam, N. V., Ben'kova, N. P., Orlov, V. P., Osipov, N. K., Tyurmina, L. O.

TITLE: Analytical representation of secular variation

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 4, 1964, 748-752

TOPIC TAGS: geomagnetism, geomagnetic field, geomagnetic field secular variation, secular variation

ABSTRACT: A study has been made showing that an analytical representation of the secular variation (SV) of the geomagnetic field based on six harmonics is adequate for representation of world SV with the same degree of accuracy as world maps of SV compiled directly from observations at magnetic observatories; it is also shown that the analytical method can be used for compiling maps of SV. The synthesis of SV maps was accomplished using a grid with grid lines spaced 5° apart in longitude. The grid was somewhat more open to the south of 60°S and to the north of 70°N. The values δX and δY were derived using the mean coefficients δg_n^m and δh_n^m , computed from δX and δY in order to exclude the potential-free part. In accordance with the assumption of the existence of an outer part the values δZ were computed using δj_m^n and δK_m^n . The quality of the analytical maps was judged by compiling maps of the differences Δ between the initial values δX , δY

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ACCESSION NR: AP4043254

and δZ used for analysis and the values obtained as a result of the synthesis. Figures 1 and 2 of the Enclosure show the IZMIRAN (Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation) maps of $\Delta \delta X$ and $\Delta \delta Y$. The Δ values are given in gammas; positive values are represented by solid and negative values by dashed isolines. The maximum discrepancies between the initial and new maps, $+30\gamma$, was in the southern hemisphere; in the northern hemisphere they did not exceed $\pm 10\gamma$. The discrepancies in δX , δY and δZ on the IZMIRAN SV world maps do not have a regular pattern, except that in the southern hemisphere $\Delta \delta Y$ is generally negative. The values $\Delta \delta X$ and $\Delta \delta Y$ are of the order of $\pm 5\gamma$ and only in the south polar cap do they attain 40γ for δX and 20γ for δY . For $\Delta \delta Z$ there is an increase to $+15\gamma$ in the Atlantic and a sharp increase to 60γ in the high latitudes of the southern hemisphere. The IZMIRAN maps also were compared with the values δX , δY and δZ directly at 53 magnetic observatories; the mean discrepancy for the three elements was $\pm 9\gamma$. The analytical method is thus as accurate as graphic methods, but does not involve the subjectivism involved in use of the latter. However, graphic and analytical methods could be combined; the first is best for areas for which little data is available and the second is best for characterizing regions of rapid secular variations. Orig. art. has: 3 figures and 2 tables.

Card

2/7/3

ACCESSION NR: AP4043254

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR (Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation, AN SSSR); Institut matematiki s vy*chislitel'nym tsentrom, SO AN SSSR (Institute of Mathematics and the Computation Center, SO AN SSSR)

SUBMITTED: 04Feb64

ENCL: 04

SUB CODE: ES

NO REF SOV: 004

OTHER: 001

Card

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Field changes with height (the vertical gradients of the field) are
Card 1/3

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APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, N.V.; OSIPOV, N.K.; TYURMINA, L.O.; SHLYAKHTINA, A.P.

Spherical harmonic analysis of the world magnetic maps for the 1969
epoch. Geomag. i aer. 4 no.6:1130-1131 N-D '64.

(MIRA 18:1)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln
AN SSSR i Institut matematiki s vychislitel'nym tsentrom Sibirskogo
otdeleniya AN SSSR.

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APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ACC NR: AT6021012

(A, N)

SOURCE CODE: UR/0000/65/000/000/0033/0041

AUTHOR: Adam, N. V.; Ben'kova, N. P.; Orlov, V. P.; Tyurmina, L. O.

33

ORG: none

TITLE: Calculation of the geomagnetic field strength based on the coefficients of spherical analysis

SOURCE: AN SSSR. Institut fiziki Zemli. Nastoyashcheye i proshloye magnitnogo polya Zemli (The present and past of the earth's magnetic field). Moscow, Izd-vo Nauka, 1965, 33-41

TOPIC TAGS: geomagnetic field, geomagnetic measurement, magnetic field intensity, cartography

ABSTRACT: This article is devoted to a calculation of the geomagnetic field strength based on the coefficients of spherical analysis in order to obtain information on the distribution and character of the change of the geomagnetic field at various distances from the earth's surface. The first step in this work was to determine the coefficients of a spherical harmonic series in order to calculate the geomagnetic field in circumterrestrial space. The starting data were the magnetic charts of the IZMIRAN and the British Admiralty for the 1955 epoch and the values of the magnetic elements at unevenly distributed discrete points. A subsequent synthesis of the field on the earth's surface and its comparison with the starting data showed that the best repre-

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L 07491-67

ACC NR: AT6021012

smentation of the field is given by the coefficients calculated with respect to world charts. The elements X, Y, Z were calculated by the sum of the first six harmonics for a network of points 5° with respect to latitude and 15° with respect to longitude. The coefficients obtained from the IZMIRAN charts were used for further calculations. It was found that spherical analysis carried out for world magnetic charts gives an analytical representation of the distribution of the field on the earth's surface with the same degree of flatness and with the same errors as the world magnetic charts on which the analysis was based. Spherical analysis offers a sufficiently simple and easy method of calculating the magnetic field and its gradients for large heights. The absolute errors of calculation decrease with height in proportion to $(R/r)^3$ or even more quickly, but the relative errors remain constant or decrease slightly. Taking this into account, as well as the rapid decrease of old harmonics with height, the authors assert that at large heights the series of spherical harmonics provide a high accuracy of approximating the magnetic field sufficient for various problems of investigating a constant field and for interpreting satellite observations. An analysis of the 1955 IZMIRAN charts confirmed the systematic shift of the earth's magnetic center. The theories of the origin of the geomagnetic field scarcely touched upon the problem of the eccentricity of the field and the authors wish to call the very fact of eccentricity and the systematic shift of the magnetic center to the attention of theoreticians. The representation of smoothed world charts by series of spherical harmonics up to the sixth order is not, in the opinion of the authors, the limit of what spherical analysis can give. With a sufficiently large number of observations pertaining to one epoch, a spherical harmonic series can provide a more detailed picture of the

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L 07491-67

ACC NR: AT6021012

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field and with fewer errors. Orig. art. has: 11 formulas, 3 tables, and 4 figures.

SUB CODE: 08/ SUBM DATE: 21Sep65/ ORIG REF: 008/ OTH REF: 004

Card 3/3/*h.s.*

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100310019-6"

L 37697-66 EWT(1)/FCC/FSS-2 TT/GW

ACC NR: AP6019600

(A, N)

SOURCE CODE: UR/0293/66/004/003/0463/0468

AUTHORS: Adam, N. V.; Ben'kova, N. P.; Tyurmina, L. O.

54
B

ORG: none

TITLE: Geomagnetic map construction from satellite data

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 3, 1966, 463-468

TOPIC TAGS: geomagnetic measurement, geomagnetic field, harmonic analysis, ~~artificial~~
~~satellite observation cartography~~, map, scientific satellite, ~~spaceborne seophysics~~
~~measurement~~

ABSTRACT: A map is presented of the total magnetic field intensity at 400 km over the Soviet Union. The data for constructing the map were obtained from measurements from the third artificial earth satellite (1958). The measurements were reduced to the value at 400 km according to the formula

$$T_{400} = T_h + \frac{\Delta T}{\Delta h} (h - 400).$$

An insufficient number of measurements was made to obtain the vertical gradient $\Delta T/\Delta h$ directly. Consequently, the gradients were calculated on the basis of spherical harmonic analysis of world magnetic maps (1955). Details of the analysis and the construction of the map are given, and the accuracy is estimated to be 350 γ.
Orig. art. has: 2 figures, 2 tables, and 6 formulas. [04]

SUB CODE: 08/ SUBM DATE: 17Apr65/ ORIG REF: 005/ OTH REF: 001/
Cord 1/1st ATD PRESS: 5041 UDC: 550.362.528.067.1

L 23136-66 EWT(1)/FC GW

ACC NR: AP6006677

SOURCE CODE: UR/0203/66/006/001/0179/0181

AUTHORS: Ben'kova, N. P.; Adam, N. V.; Tyurmina, L. O.

ORG: Institute of Terrestrial Magnetism, the Ionosphere, and Propagation of Radio Waves, AN SSSR (Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR)

TITLE: On the accuracy of analyzing worldwide magnetic maps of 1960

SOURCE: Geomagnetism i aeronomiya, v. 6, no. 1, 1966, 179-181

TOPIC TAGS: geomagnetic field, harmonic analysis, research ship

ABSTRACT: Distribution of total magnetic field was computed through coefficients of spherical harmonic analyses for 1960. Different combinations of spherical-harmonic coefficients were used to compute for each of the three rectangular coordinates of the field. Theoretical values of the field were then computed according to each set of coefficients. To evaluate the accuracy of this approach by spherical harmonics, comparisons were made between the values obtained here with values taken from worldwide magnetic maps for 1960. Checks were made of every

Card 1/2

UDC: 550.389

L 23136-66

ACC NR: AP6006677

5° of latitude and 15° of longitude. Comparisons were also made with data from the Zarya for the Pacific, Indian, and Atlantic Oceans for the period 1957-63, reduced to 1960. Checks were made at 372 points. The theoretical values were also compared with average values from magnetic observatories. Variation in field (for horizontal component) was computed to be 260 γ, was measured as 286 γ on the Zarya, and 290 γ at land observatories. The difference between computed values and the Zarya values for the points of comparison are plotted on a world map, and isopleths of difference are drawn. Orig. art. has: 1 figure and 1 table.

SUB CODE: 08/ SUBM DATE: 06Jul65/ ORIG REF: 001

Card 2/2 PB

ACC NR: AT6021011

(A,N)

SOURCE CODE: UR/0000/65/000/000/0018/0033

AUTHOR: Adam, N. V.; Ben'kova, N. P.; Orlov, V. P.; Tyrumina, L. O.

31

ORG: none

TITLE: Secular variations of the geomagnetic field based on data of a spherical analysisSOURCE: AN SSSR. Institut fiziki Zemli. Nastoyashcheye i proshloye magnitnogo polya Zemli (The present and past of the earth's magnetic field). Moscow, Izd-vo Nauka, 1965, 18-33

TOPIC TAGS: earth magnetism, geomagnetic measurement, spherical analysis, secular variation

ABSTRACT: This article concerns the principal geomagnetic field studied by the method of spherical analysis and its secular variations. The authors derive an analytical expression which approximates secular variations. They examine on the basis of this analytical expression certain problems of the nature of secular variations, and attempt to use the results obtained for forecasting the field. The authors, having previously used spherical analysis for plotting charts of isoporic lines in the polar caps and having obtained sufficiently good agreement with charts plotted from observational data, conclude that the sum of the first six terms of a spherical harmonic series permits representing the morphology of secular variations with the same degree

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shift along the latitudinal circle from $291^{\circ}46'$ to $291^{\circ}52'$. Combining paleomagnetic and analytical studies of the geomagnetic field can be quite fruitful, in particular in regions west and east of the centers of world anomalies. Orig. art. has: 3 formulas, 6 tables and 6 figures.

SUB CODE: 12,08/ SUBM DATE: 21Sep65/ ORIG REF: 007/ OTH REF: 004

Card 3/3

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, O.

Transportation of soda.

P. 61. (SKLAR A KERAMIK) (Praha, Czechoslovakia) Vol. 8, no. 2, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) I.C Vol. 7, No. 5, 1958

COUNTRY : Czechoslovakia
CATEGORY :

AES. JOUR. : RZKhim., No. 22 1959, No. 79251

AUTHOR : Adam, O.
INST. : Not given
TITLE : Cast Refractory Blocks

ORIG. PUB. : Sklar a Keramik, 9, No 4. 1959-1960 (1959)

ABSTRACT : No abstract.

SAND: 1/1

194

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Oszkar; KILENYI, Eva

Determination of approximate velocity functions by means of
refraction travel time curves. Geofiz kozl 12 no.3/4:67-78
'64.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Oszkar

Frequency analysis of seismic records. Geofiz kozl 13 no.1;
60-70 '64.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

PINTER, Anna; ADAM, Gázkar; MÉNÁS, György, dr.

Problema of interpreting the regional gravity of the Hungarian basin. Geofiz kozl 13 no.3:315-328 '64.

1. Editor, "Geofizikai Kozlemenek", Budapest.

ADAM, Peter

Psychologic and pedagogic problems of labor productivity
in Poland. Magy pszichol szemle 17 no.4:430-435 '60.

1. Egyetem, Pedagogiai Tanszek, Debrecen.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Peter (Debrecen)

Two weeks among Czechoslovak psychologists. Magy pszichol szemle 18
no.3:355-362 '61.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

SALAMON, Jeno, dr.; S.MOLNAR, Edit; GARAI, Laszlo; SAGI, Antalne; SALAMON, Jenone; ADAM, Peter; HODOS, Tibor; BODOR, Jeno

"Psychology in the Soviet Union." Vol.2. Reviewed by Jeno Salamon and others. Magy pszichol szemle 18 no.4:446-468 '61.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

EPERJESSY, A. ; KISS, A.; ADAM,S.; GYERGYA, F.; FESZT, T.

Research on experimental encephalopathies. III. Chemical
study of the cerebral lipoproteins of rabbits treated with
a heterologous brain emulsion. Rev. sci. med. 8 no. 1/2:25-28
'63.

(ENCEPHALOMYELITIS) (BRAIN) (LIPOPROTEINS)

ADAM, St.; ing.; IONESCU, Valentina, ing.

The pH and the finishing of wool fibers. Ind text Rum 12
no.7:289-291 Jl'61.

1. Intreprinderea Industriala de Stat "Libertatea", Sibiu.

ADAM, T., KAZAR, J.

"The effect of the physical and chemical constituents of the micro-climate in farrowing houses on the organism of suckling pigs." p. 309. (ACTA AGRONOMICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 2, no. 3/4, 1952. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM. T., BEREK, G.

"Double mating by two related boars; heterosperm insemination." p. 180. (AGRARTUDOMAN, Vol. 5, no. 6, June 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

I DOTARAS UNA NUEVA MARCHA /12.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

TANGL, Harald; ADAM, Tamas

Feeding calves with oxytetracycline and its effect on their intestine. Allattenyesztes 13 no.2:171-176 Je '64.

1. Division of Animal Physiology and Feeding, Research Institute of Animal Breeding, Budapest. 2. Editorial board member, "Allattenyesztes" (for Tangl).

ADAM, Toma; MARTON, Gede.

In the country of our friends. Izobr.i rats. no.6:62
Ag '60. (MIRA 13:7)
(Hungary--Technological innovations)

ACA ADAM, V.

Unclassified
Unit Operations

Equipment for forming small glass articles. VÍCLAV ADAM (Ceskoslovenske Zavody Sklarske, Narodni Podnik). U.S. Pat. 2,564,516, Aug 14, 1951 (Oct. 13, 1948; in Czechoslovakia Oct. 13, 1947). --1. Apparatus for forming small glass articles by molding between opposed die rollers comprising a pair of parallel driven shafts opposed die rollers mounted on the shafts, means for adjusting the shafts toward and away from each other, means for driving the rollers simultaneously in opposite directions comprising an internally toothed gear on one of the shafts and an externally toothed gear on the other of the shafts having the same pitch circle, a pair of levers pivoted on the shafts, a driving shaft journaled in the levers, and spur gears mounted on the driving shaft engaging the internally and externally toothed gears.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

Review of glass products, p.7. (Technicke Noviny, Praha, Vol 2, No. 16, August 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. .6, June 1955, Uncl

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, V., inzh.

Plastics in housing construction. Na stroi. Ros. 3 no.2:34-35 F '62.

(MIRA 16:2)

(Czechoslovakia—Plastics)

(Czechoslovakia—Building materials)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, V., inz.; STIBRAKY, P., inz.

The Vusoterm heat insulator. Stavive 42 no.11:417-420 N '64.

l. Research Institute of Engineering Construction, Bratislava.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, Valer, inz.

Packing of construction joints. Poz stavby 11 no. 7:395-399 '63.

1. Vyskumny ustav stavebnictva, Bratislava.

ADAM, Valoria
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 6, Jun 1961, pp 16-17, 19.

Data: "Discoveries in the Dark Light."

Card 1/2

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

Z/040/63/000/003/002/006
E192/E582

Radar centre ...

area of 26 x 10 m. The far side of the building is parallel with the axis of the main runway. There are 4 figures.

Card 2/2

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

GEMBICKI, Maciej; MAGAS, Stanislaw; ADAM, Włodzimierz; LISIAK, Włodzimierz

Experiences with the application of radioactive iodine isotope in thyroid function tests. Polskie arch.med.wewnętrz. 29 no.11: 1467-1477 '59.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik: prof.dr. med. J. Roguski.
(THYROID GLAND physiol.)
(IODINE radioactive)

NOWACZYK, J.; BACZYK, K.; CZARNECKI, R.; KOSOWICZ, J.; ADAM, W.

Kidney function tests in primary and secondary adrenal insufficiency
in patients treated with cortisone. Polskie arch.med.wewn. 30 no.6:
803-804 60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr J.Roguski
(KIDNEY FUNCTION TESTS)
(CORTISONE ther)
(ADRENAL CORTEX dis)

MAGAS, Stanislaw; ADAM, Wladzimierz

Certain chemical studies in arteriosclerotic patients. Polskie
arch.med.wewn. 30 no.7:896-898 '60.

1. Z II Kliniki Chorob Wewnetrznych A. M. w Poznaniu Kierownik:
prof. dr med. J.Roguski
(ARTERIOSCLEROSIS blood)
(CHOLESTEROL blood)
(LIPOPROTEINS blood)

BACZYK, Kazimierz; NOWACZYK, Janina; ADAM, Włodzimierz

Kidney function tests in atherosclerosis. Polskie arch.med.wewn.
30 no.7:913-914 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr med. J.Roguski.
(ARTERIOSCLEROSIS diag)
(KIDNEY FUNCTION TESTS)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Wlodzimierz; MAGAS, Stanislaw; CZARNECKI, Ryszard

The isotope method for the determination of the amount of residual
urine in the bladder. Poznan. tow. przyjaciol nauk wydz. lek. 21
107-lll '61.

(BLADDER)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

STEFFEN, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan

Localization of the transport of mercury in dog nephrons by means of
the "stop flow" method. Poznan. tow. przyjaciol nauk wydz. lek. 21
no.2:17-25 '61.

(MERCURY urine) (KIDNEYS physiol)

HASIK, Jan; STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ,
Czeslaw

Localization of tubular transport of L-ascorbic acid in the nephrons
of the dog by stop flow analysis. Acta medica polona 2 no.4:337-344
'61.

1. Department of General and Experimental Pathology, Medical Academy,
Poznan Director: Prof. Dr. Antoni Horst II Department of Internal
Medicine Medical Academy, Poznan Director: Prof. Dr. Jan Roguski.

(KIDNEY FUNCTION TESTS) (VITAMIN C metab)

STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw

The localization of tubular transport of lithium ions in the nephrons of the dog and the effect of intravenous infusion of lithium salts on tubular transport of potassium and sodium. Acta medica polona 3 no.2: 121-129 '62.

1. Department of General and Experimental Pathology, Medical Academy, Poznan Director: Professor Dr. A. Horst II Clinic of Internal Diseases, Medical Academy, Poznan Director: Professor Dr J. Roguski.
(KIDNEY physiol.) (LITHIUM pharmacol.) (POTASSIUM metab.)
(SODIUM metab.)

STEFFEN, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan;
WEISS, Krystyna; CZARNECKI, Ryszard

Tubular transportation of uric acid in dog nephrons. Acta physiol.
Pol. 13 no.1:1-10 '62.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej A. M. w Poznaniu
Kierownik: prof. dr A. Horst Z II Kliniki Chorob Wewnętrznych A.M. w
Poznaniu Kierownik: prof. dr J. Roguski.

(KIDNEYS physiol) (URIC ACID metab)

HUNGARY

RACZYK, K. Dr., NOWACZYK, J. Dr., CHAPNECKI, R. Dr., KRASNIK, W. Dr.,
RUHN, M. Dr., ADAM, W. Dr.; Medical Academy of Poznan, Second Internal
Medicine Clinic (Poznani Orvostudomanyi Akademia, II. Belklinika).*

"Experiences with Hemodialysis Performed with the Alwall Type Artificial
Kidney."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2169-2170.

Abstract: The authors describe the apparatus, technique, complications,
results, indications and contraindications of hemodialysis based on
their own experiences.

[This paper is published, as part of an exchange program, from the
Polish Tygodnik Lekarski.]

[Of 15 references, 1 is Polish, 14 are Western]

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KNAPOWSKI, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czeslaw;
WEISS, Krystyna

Intestinal excretion of uric acid in dogs. Acta med. pol. 4
no.2:201-207 '63.

1. Department of General and Experimental Pathology, Medical
Academy, Poznan Director: Prof. Dr A. Horst IIInd Clinic of
Internal Diseases, Medical Academy, Poznan Director: Prof.
Dr J. Roguski.

(INTESTINES) (URIC ACID)

那“歌者”，就是“歌者”，是“歌者”；那“舞者”，就是“舞者”，是“舞者”。

potential requirements in the portfolios of both commercial banks and credit unions, after loan, $R = 5.10\% \pm 3.10\%$.

I. Department of General and Experimental Pathology, Medical Academy, Poznań (Director: prof. dr. hab. A. Kowalewski) and II Clinic of Internal Diseases, Medical Academy, Poznań (Director: prof. dr. hab. med. B. M. Węsławski).

BACEYK, Kazimierz; STEFEL, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czesław;
KNAPOWSKI, Jan

Effect of scillaren on sodium and potassium transport in the
nephrons of the dog. Acta med. Pol. 5 no.4:139-146 '64

I. Med Clinic of Internal Diseases, Medical Academy, Poznań
(Director: prof. dr. J. Roguski) and Department of General
and Experimental Pathology, Medical Academy, Poznań (Director :
prof. dr. A. Horst).

STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czesław;
WARCHOL, Jerzy

Acute mercury intoxication in the dog; a functional and auto-radiographic study. Acta med. Pol. 6 no.1:15-30 '65

1. Department of General and Experimental Pathology, Medical Academy, Poznań (Director: prof. dr. A. Horst); IIInd Medical Department, Medical Academy, Poznań (Director: prof. dr. J. Roguski) and Department of Histology and Embryology, Medical Academy, Poznań (Director: prof. dr. Mietkiewski).

KNAPOWICZ, Jarek STEFFEN, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czesław;
ZIELECKA, Krystyna; STOLZMANU, Maciej

The effect of temporary complete occlusion of the renal artery
on tubular transport in the nephrons of dogs. Acta med. Pol.
6 no.1s31-40 '65

I. Department of General and Experimental Pathology, Medical
Academy, Poznań (Directors: prof. dr. Antoni Horst) and IInd
Clinic of internal Diseases, Medical Academy, Poznań (Direc-
tors: prof. dr. Jan Roguski).

GRACZYKOWSKI, KONZOROWSKA, Alicja; GEMBICKI, Maciej; ADAM, Włodzimierz

Thyroid function in simple obesity. Pol. tyg. lek. 20 no.22:
788-791 31 My '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik:
prof. dr. Jan Roguski).

ACC NR: AP6003747

SOURCE CODE: CZ/0017/65/054/001/0009/0013

AUTHOR: Adam, Josef--Adam, Y. (Engineer, Candidate of sciences)

ORG: none

TITLE: Contribution to the waveform of charging the capacitors of an impulse generator

SOURCE: Elektrotechnicky obzor, v. 54, no. 1, 1965, 9-13

TOPIC TAGS: capacitor, electric generator, electric rotating equipment part, electric engineering

ABSTRACT: An analysis is presented of charging the capacitors of an impulse generator, from a-c source, through a rectifier. Equations are derived for the voltage increase on the capacitors, and the waveform of the current of an n-th positive half-wave is described. In calculating the charging of the capacitors of a laboratory impulse generator, leakage need not be taken into consideration, and it is possible to plot the time curves of charging for various time constants. For certain circuit parameters, the calculated waveforms and the measured values show good agreement. A special case is the charging of the capacitors of a generator producing repeated surges within a single half-wave. For this case expressions are derived with which to compute the individual components of the charging circuit. Orig. art. has: 7 figures and 15 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 06Jan64 / ORIG REF: 003 / OTH REF: 001
SOV REF: 001

Card 1/1

UDC: 621.319.3.001

ADAN, Ya. I.

Cand Tech Sci

Dissertation: "Investigation of the Machinability
of Structural Bronzes by Cutting."

23/1/50

Central Sci Res Inst of Technology and Machine
Building "TsNIITPASH."

80 Vecheryaya Moskva
Sum 71

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, A. I.

Copper Alloys

Examination of the machinability of copper alloys., (Trudy) TSNITIASH, no. 44, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April ² 1958, Uncl.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

USSR/Miscellaneous

Card 1/1 : Pub. 103 - 9/29

Authors : Adam, Ya. I.

Title : About the cutting power during gear cutting

Periodical : Stan. i instr. 9, page 25, Sep 1954

Abstract : Formulas determining the circumferential stresses and cutting power during the cutting of gears are presented.

Institution : ...

Submitted : ...

USSR/ Engineering - End mills

Card 1/1 Pub. 103 - 8/22

Authors : Adam, Ya. I.

Title : Comparative tests of end mills

Periodical : Stan. i instr. 6, 27-28, June 1955

Abstract : Operational and comparative tests were conducted by the Central Scientific Research Institute for Machine Building and Metalworking, to determine the work efficiency and structural characteristics of new types of end mills (milling cutters for facing operations) introduced by the Kirov Plant and the Leningrad Metallurgical Factory. The end mills are briefly described and technical specifications are given. Tables; graph; illustration; drawings.

Institution :

Submitted :

SOV/112-58-2-2477

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 2,
pp 110-111 (USSR)

AUTHOR: Adam, Ya. I.

TITLE: Cutting Forces and Powers in Gear Milling
(Sily rezaniya i moshchnosti pri zubosfrezerovani)

PERIODICAL: V sb.: Issledovaniya v obl. tekhnol. obrabotki metallov rezaniyem,
M., Mashgiz, 1957, pp 35-56

ABSTRACT: The investigation of gear-milling dynamics by means of carbon-pickup
TENNIMASH dynamometers is described. A two-component dynamometer was
used for measuring torques up to 200 kg.m and radial forces up to 1,000 kG.
The layout of the pickups and external loads is presented, as well as a simplified
electrical bridge circuit. Bridge imbalance is sensed by an oscillograph
or a milliammeter. Calibration is made in the static state by a lever set in
place of the cutter. A calibration curve is given. The effect on the torque of
cutting speed, number of teeth cut, cutting depth, cutter wear, cutter correcti

Card 1/2

SOV/112-58-2-2477

Cutting Forces and Powers in Gear Milling

angle of the teeth cut, lubricating liquids, hardness and chemical composition of material, modulus, and feed has been investigated experimentally. An oscillogram is presented that characterizes the irregularity of work of a worm gear cutter. Machine operation under various cutting conditions and machine efficiency at varicus feeds and cutter rpm have been investigated by using a recording wattmeter. Machine-operation curves and machine efficiency vs. load curves are presented.

A. Ye. G.

Card 2/2

ADAM, Ya.I.; OVUMYAN, G.G.; KHUKHLLIN, M.S., inzh., red.

[Handbook for the operator of a gear-cutting machine]
Spravochnik zuboreza. Izd.2., perer. i dop. Moskva,
Mashinostroenie, 1964. 314 p. (MIRA 18:2)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ADAM, Yakov Isaakovich; OVUMYAN, Gegik Gegamovich; KALIKA, L.TS., inzh.,
retsgenzenz; NEMIROVSKIY, E.I., inzh., red.; YAKOVLEVVA, V.I.,
red.izd-va; EL'KIND, V.D., tekhn.red.; SOKOLOVA, T.F., tekhn.

[Manual for operators of gear-milling machines] Spravochnik
zuboreza-frezerovshchika. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1961. 271 p. (MIRA 14:4)
(Gear cutting)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100310019-6

ADAM, Ya.I.; OVUMYAN, G.G.

High-module shavers. Stan.i instr. 32 no.12:34-35 D '61.
(MIRA 14:12)
(Metal-cutting tools)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

RODOV, A.S., inzh.; OVUMYAN, G.G., kand.tekhn.nauk; BULATNIKOV, V.S.;
ADAM, Ya.I.

Attachment for shaving on gear-milling machines. Vest.mashinostr.
42 no.8:72-73 Ag '62. (MIRA 15:8)
(Milling machines--Attachments)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

OVUMYAN, G.G.; ADAM, Ya.I.

Single-turn hob cutter for machining hardened gear wheels.
Stan.i instr. 33 no.12:29-30 D '62. (MIRA 16:1)
(Gear-cutting machines)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

ADAM, Ya.I., kand.tekhn.nauk

Effect of vibrations on the strength of metal-cutting
tools. Vest.mashinostr. 45 no.10:67-69 O '65.

(MIRA 18:11)

ADAM. Z.

Contributions to the solution of the tectonic problems concerning the Steinberg fault in the northern part of the Bienna basin.

P. 5. (Prague. Ustav pro naftovy vyskum. Prace. no. 23/25 1956, Praha Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

ADAM, Z.

"Preliminary report on the seismogeologic conditions in the eastern part of the Inter-Alpine Vienna basin"

Vestnik. Praha, Czechoslovakia. Vol. 34, no. 2, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclassified

ADAM, Zdenek

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Czechoslovak Oil Mines (Ceskoslovenske naftove doly), Geophysical Enterprise (Návod Geofyzika), Brno.

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI,
No 3, 1961, pp 189-198.

Data: "New Knowledge of the Tectonics of the Danubian Basin."

Co-author:

DLABAC, Mikulas, Czechoslovak Oil Mines, Geophysical Enterprise,
Brno.

174

ADAM, Zdenek

Geological evaluation of reflection seismic survey in the
Czechoslovak part of the Vienna Basin. Prace Ust naft 19 no.84/91:
7-39 '62.

1. Ceskoslovenske naftove doly, Hodonin, Zavod geofyziky, Brno.

ADAMACHE, I.; BODEA, I.; SERBAN, C.

Use of depth valves in the exploitation of oil wells by means of artificial flooding. p. 394.

PETROL SI GAZE. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si Ministerul Industriei Petrolului si Chimiei) Bucuresti Rumania. Vol. 10, no. 9, 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2
Feb. 1960

Uncl.

NICOLAU, Edm., prof. ing.; ADAMACHE, I., ing.

Electronic modeling of deep well pumping. Automatica
electronica 8 no. 1: 8-12 Ja-F '64.

RUMANIA/Chemical Technology - Application. Synthetic Polymers. Plastics.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27008
Author : Adamache I., Georgescu M.
Inst : -
Title : Laboratory Experiments on Development of Synthetic Resins for Fixation of Sandy Rocks.
Orig Pub : Petrol si gaze, 1957, 8, No 1, 12-15, 57
Abstract : As a fixation agent for sandy rocks is proposed a phenolic resin prepared in accordance with the formula (part by weight): 100 phenol, 275 formalin of 30% concentration, 1.5 technical NaOH, which is solidified with 15% hydrochloric acid in an amount of 10% on the basis of the resin.

Card 1/1

- 84 -

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6

ROSCA, N., Ing.; ADAMACH, I., Ing.

Modern methods applied in the crude oil exploitation. Petrol
oil gaze 15 no. 83387-691 Ag'64

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310019-6"

RUMANI/Chemical Technology. Chemical Products and Their
Application. Corrosion. Corrosion Control.

II

Abs Jour: Ref Zhur-Khim., No 8, 1959, 27804.

Author : Adarnache, I., Dumici, I., Coc, R., Bocar etc, V., and
Martinovici, E.

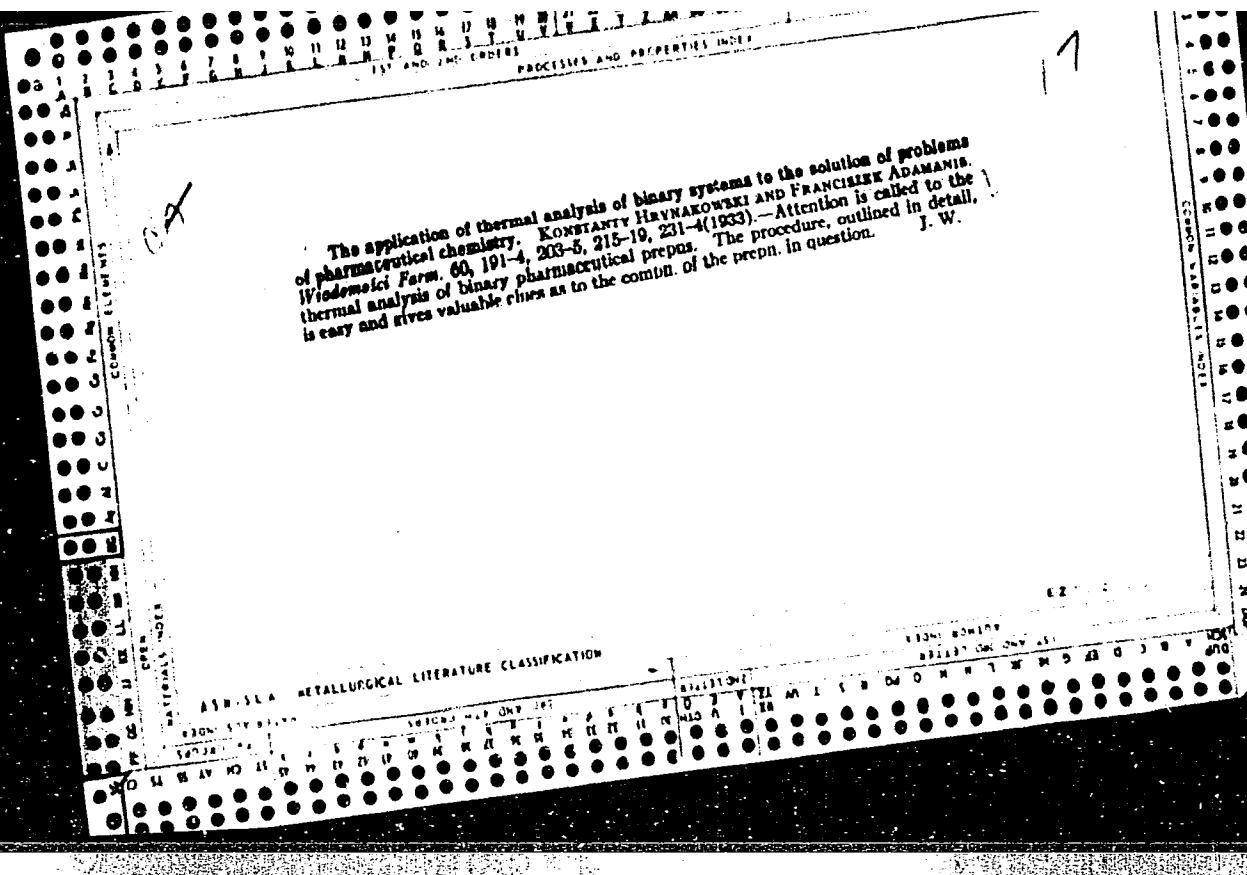
Inst :

Title : Corrosion Protection of Bore Hole Equipment at Rumanian
Oil Fields and Late Advances in this Field.

Orig Pub: Petrol si Gaze, 9, No 7, 309-320 (1958) (in Rumanian
with German, English, French, and Russian summaries)

Abstract: The authors present data on the utilization of corrosion
inhibitors for the protection of pumping station equip-
ment. The results from the application of specially
treated equipment (chromium plated plungers, nitrated

Card : 1/2



1ST AND 2ND GROUPS
PROCESSES AND PROPERTIES IN IR
2

Thermal analysis of binary systems of sulfonal with certain organic compounds. Konstanty Hrynakowski and Franciszek Adamanis. *Roczniki Chem.* 13, 736-39 (739 in German) (1933); cf. C. A. 27, 3770. — Temp-comprn. curves are given for these systems. The following figures are resp., the mol. percentage of the first ingredient and the eutectic pt.: sulfonal-acetanilide, 37.2, 62°; phenacetin, 54.2, 103.7°; -resorcidol 32.5, 65°; salicyrin 32.3, 80°; -urea 83.6, 120.8°. The systems studied fall into 2 groups: (a) those comds. that form eutectic mixts. and mix in all proportions in the melted state: sulfonal-acetanilide, phenacetin, -*n*-anisole and salicyrin, resp., and (b) the system sulfon-lutren, which forms a eutectic mixt. but does not mix in the melted state when the mol. percentage of sulfonal is from 18 to 60.3.

C. T. Ichniowski

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	8010	8011	8012	8013	8014	8015	8016	8017	8018	8019	8020	8021	8022	8023	8024	8025	8026	8027	8028	8029	8030	8031	8032	8033	8034	8035	8036	8037	8038	8039	8040	8041	8042	8043	8044	8045	8046	8047	8048	8049	8050	8051	8052	8053	8054	8055	8056	8057	8058	8059	8060	8061	8062	8063	8064	8065	8066	8067	8068	8069	8070	8071	8072	8073	8074	8075	8076	8077	8078	8079	8080	8081	8082	8083	8084	8085	8086	8087	8088	8089	8090	8091	8092	8093	8094	8095	8096	8097	8098	8099	80100	80101	80102	80103	80104	80105	80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116	80117	80118	80119	80120	80121	80122	80123	80124	80125	80126	80127	80128	80129	80130	80131	80132	80133	80134	80135	80136	80137	80138	80139	80140	80141	80142	80143	80144	80145	80146	80147	80148	80149	80150	80151	80152	80153	80154	80155	80156	80157	80158	80159	80160	80161	80162	80163	80164	80165	80166	80167	80168	80169	80170	80171	80172	80173	80174	80175	80176	80177	80178	80179	80180	80181	80182	80183	80184	80185	80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197	80198	80199	80200	80201	80202	80203	80204	80205	80206	80207	80208	80209	80210	80211	80212	80213	80214	80215	80216	80217	80218	80219	80220	80221	80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233	80234	80235	80236	80237	80238	80239	80240	80241	80242	80243	80244	80245	80246	80247	80248	80249	80250	80251	80252	80253	80254	80255	80256	80257	80258	80259	80260	80261	80262	80263	80264	80265	80266	80267	80268	80269	80270	80271	80272	80273	80274	80275	80276	80277	80278	80279	80280	80281	80282	80283	80284	80285	80286	80287	80288	80289	80290	80291	80292	80293	80294	80295	80296	80297	80298	80299	80300	80301	80302	80303	80304	80305	80306	80307	80308	80309	80310	80311	80312	80313	80314	80315	80316	80317	80318	80319	80320	80321	80322	80323	80324	80325	80326	80327	80328	80329	80330	80331	80332	80333	80334	80335	80336	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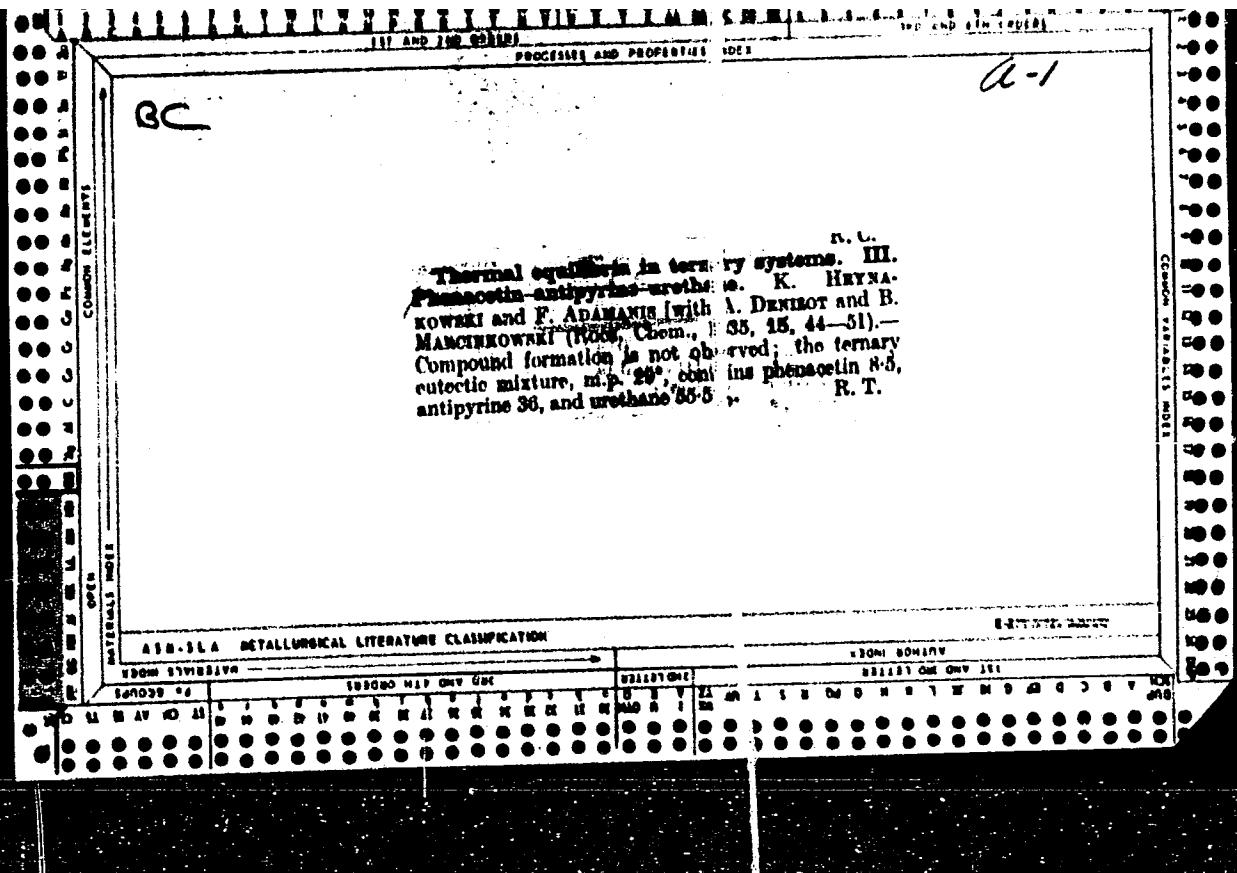
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19-1

Thermal equilibria in ternary systems. II.
Phenacetin-antipyrine-quinaline. K. KRYNAKOW-
SKI and E. APAMANOV (with K. BIAŁECKI and Z.
POLUSZAKI) (Proc. "Chem.", 1934, 16, 1488-1498).—
The system has one eutectic at 64% antipyrine, 47%
quinaline 25, and phenacetin 28%. R. T.

A.I.U.-A.I.A. METALLURGICAL LITERATURE CLASSIFICATION

SUBJ. SUBJECT										SUBJ. SUBJECT									
SUBJ. SUBJECT					SUBJ. SUBJECT					SUBJ. SUBJECT					SUBJ. SUBJECT				
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10



Thermal analysis of binary systems containing anti-pyrine or resorcinol with certain organic compounds. K. Izytnowski and F. Adamantis. *Roczniki Chem.*, 15, 163-72 (1933); cf. *C. A.*, 29, 2829. Temp.-compon. curves for the systems are given. The systems studied fall into 3 classes: (A) includes single eutectics but no mixed crystals; (B) yields 1 compd. and 2 eutectics and (C) gives 3 compds. and 4 eutectics. In all 3 classes the components mix freely in the melted state. The following figures are, resp., the mol. percentage of the first ingredient and the eutectic point: (A) antipyrine-salpyrine, 46.1, 76.5; -sulfonic, 72, 60; resorcinol pyrocatechol, 48, 70; -hydroquinone, 77, 92; (B) antipyrine-salicylic acid, 37.5, 78; 63.4, 75.6; -benzoic acid, 58, 63; 38.4, 61.5; resorcinol-phenacetin, 60.7, 60; 62.7, 74; (C) antipyrene-pyrocatechol, 70.8, 84.5; 55.3, 58; 44.6, 50; 32.5, 65.2; antipyrene-salicylic acid and antipyrene benzoic acid yield compds. of 1:1 mol. combinations with these resp. eutectic points and mol. percentages of the first ingredient, 50, 71; resorcinol-phenacetin yields a compd. in 3.2 mol. ratio at 60, 76.5; antipyrene-pyrocatechol gives 3 compds. in these mol. ratios 2:1, 1:1 and 1:2 with these resp. eutectic points and mol. percentages of antipyrene resp. 60, 61; 33.3, 73.6. C. T. Ichniowski

C. T. LECHIOWSKI

ABU-SLA METALLURGICAL LITERATURE CLASSIFICATION

1800-1801
1811-1812

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